

All COR ISO Recommendations

Latent Condition, Seismic and ISS

Friday, October 12, 2012 12:44:22 PM

Type	Rec #	ABU	Unit	Year (I/R)	LC or ISS Question #	LC Question ISS Question Seismic Area	Observation	Recommendation	Resolution	Duc Date	Assigned To	Status
Seismic	642	Isomax	#8 PLANT	2011		C-960	Corroded anchor bolts. Pic 1.	Clean and measure anchor bolt diameter. Report diameters to Engineer for evaluation.	The anchor bolts were observed by Al Green (Civil Eng) , evaluated and found to be adequate with respect to CALARP standards. C-960's bolts (1978 construction) are much larger than required by CALARP standards 1.25" provided vs. 0.645" required per CALARP, making observation an appropriate gauging method.	5/19/2012	McGowan, John L.	Completed
Seismic	643	Isomax	#8 PLANT	2011		V-800	Corroded anchor bolts and stiffeners. Pic 2	Clean and measure bolt diameter and stiffener thickness. Report diameters and thicknesses to Engineer for evaluation.	Work order has been issued with a completion date of 9/7/11. WO is active / First task released, Update 7/16/11 / Existing V-800 anchor bolts and chairs are adequate based on comparison of CALARP-based calcs and field measurements. CORISO item #643 may now be closed. Per Al Green (Civil Eng) on 10/10/11	5/19/2012	McGowan, John L.	Completed
Seismic	644	Isomax	#8 PLANT	2011		V-801	Corroded anchor bolts and stiffeners. Pic 3	Clean and measure anchor bolt diameter and stiffener thickness. Report diameters and thicknesses to Engineer for evaluation.	Work order has been issued with a completion date of 9/7/11. WO is active / First task released, Update 7/16/11 / The anchor bolts were measured , evaluated and found to be adequate with respect to CALARP standards. Per Al Green (Civil Eng)	5/19/2012	McGowan, John L.	Completed

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Seismic	645	Isomax	#8 PLANT	2011		C-850	Corroded anchor bolts and stiffeners. Pic 4	Remove 2" +/- fireproofing adjacent to stiffeners. Clean and measure anchor bolt diameter and stiffener thickness. Report diameters and thicknesses to Engineer for evaluation.	Work order has been issued with a completion date of 9/7/11. WO is active / Fire proofing removed / Measuring task released, Update 7/16/ Reassigned from McGowan to Sims on 3/30/12 by M. Crow Status 3/6/12 Mark Crow (MXEW): Per Lee Armando/John McGowan, Civil engineering has designed a repair that requires making the pedestal for the column larger, but unfortunately there is process piping in the way. This process piping cannot be modified on the run so the proposed repair will need to be a shutdown job to be completed during the TKC/TKN cluster shutdown in 2014. Due date will be set for 3/1/2014.	3/1/2014	Sims, Aaron	In Progress
Seismic	646	Isomax	#8 PLANT	2011		Piping at LC-801	Inadequate lateral support at base and no limit stops. Pic 5	Install limit stops, pipe supports and anchor bolts.	Work order has been issued with a completion date of 9/20/11. Work order is approved but not active. Plan to move into maint schedule to meet desired completion date. Update 4/18/12-WO is complete. Reassigned from McGowan to Sims on 3/30/12 by M. Crow	5/19/2012	Sims, Aaron	Completed
Seismic	647	Isomax	#8 PLANT	2011		V-850	Corroded anchor bolts. Pic 6 & 7	Replace anchor bolts or install equivalent anchorage system.	Work order has been issued with a completion date of 9/7/11. Waiting eng instructions, Update 7/16/11 /Civil engineering has evaluated the following CORISO items and has determined that no further action is needed, therefore, we can close it out. Per Armando Lee	5/19/2012	McGowan, John L.	Completed

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Seismic	648	Isomax	#8 PLANT	2011		V-851	Corroded anchor bolts. Pic 8	Replace anchor bolts or install equivalent anchorage system.	Work order has been issued with a completion date of 9/7/11. Waiting eng instructions, Update 7/16/11 / Civil engineering has evaluated the following CORISO items and has determined that no further action is needed, therefore, we can close it out. Per Armando Lee	5/19/2012	McGowan, John L.	Completed
Seismic	649	Isomax	#8 PLANT	2011		V-852	Corroded anchor bolts. Pic 9	Replace anchor bolts or install equivalent anchorage system.	Work order has been issued with a completion date of 9/7/11. Waiting eng instructions, Update 7/16/11/ Civil engineering has evaluated the following CORISO items and has determined that no further action is needed, therefore, we can close it out. Per Armando Lee	5/19/2012	McGowan, John L.	Completed
Seismic	650	Isomax	#8 PLANT	2011		V-853	Cracked fireproofing - possible corrosion. Pic 10	Remove fireproofing on upper part of legs and measure thickness of flanges and webs. Report results to Engineer for evaluation.	Work order has been issued with a completion date of 9/14/11. WO is active / Insulation removed/ Taking measurements, update 7/16/11. 3/30/12-Verified work order is complete.	5/19/2012	Sims, Aaron	Completed
Seismic	651	Isomax	#8 PLANT	2011		V-854	Cracked fireproofing - possible corrosion. Pic 11	Remove fireproofing on upper part of legs and measure thickness of flanges and webs. Report results to Engineer for evaluation.	Work order has been issued with a completion date of 9/14/11. WO is active / Insulation removed/ Taking measurements, update 7/16/11. Update 4/2/12. WO has been completed.	5/19/2012	Sims, Aaron	Completed

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Seismic	652	Isomax	#8 PLANT	2011		E-890 fin fan structure columns	Corroded anchor bolts. Pic 12	Remove one or more nuts as directed by Engineer. Inspect and measure bolt diameters. Report diameters to Engineer for evaluation.	Work order has been issued with a completion date of 9/7/11. WO is active / First task released, Update 7/16/11 Reassigned from McGowan to Sims on 3/30/12 by M. Crow Update 5/17/12. Zone maintenance completed all work but the City of Richmond wants to witness torquing of the bolts on Monday, May 21. This item will go overdue. Will not submit a letter to the county per Mark Crow.	5/19/2012	Sims, Aaron	Completed
Seismic	653	Isomax	#8 PLANT	2011		C-895	Corroded anchor bolts. Pic 13	Remove 2" +/- fireproofing adjacent to stiffeners. Clean and measure anchor bolt diameter and stiffener thickness. Report diameters and thicknesses to Engineer for evaluation.	Work order has been issued with a completion date of 9/7/11.WO is active / fire proofing and measurements complete / CORISO item 653, C-895 anchor bolts, may be closed. The anchor bolts were measured, evaluated and found to be adequate with respect to CALARP standards. Per Al Green,PE,SECB Status: 12/16/11 Mark Crow (MXEW) per email from Al Greene, 12/14/11 - CORISO item 653, C-895 anchor bolts, may be closed. The anchor bolts were measured, evaluated and found to be adequate with respect to CALARP standards.	5/19/2012	McGowan, John L	Completed

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Seismic	654	Isomax	#8 PLANT	2011		T-892 & T-893	No anchor bolts. Pic 14	Install anchor bolts per drawings issued for construction on 12/9/10.	Work order has been issued / WO is approved / No action taken as of 7/16/11. Plan to move job into maint schedule and revise work order completion date. Desired completion date is 9/31/11	5/19/2012	Sims, Aaron	Completed
									Work is complete on 5/16/2012. MOC has been signed off and documented in the database. A. Sims			
									Reassigned from McGowan to Sims on 3/30/12 by M. Crow			
Seismic	655	Isomax	#8 PLANT	2011		C-890	Corroded anchor bolts. Pic 15	Replace anchor bolts or install equivalent anchor system.	Work order has been issued with a completion date of 9/7/11. WO is on hold waiting eng instruction	5/19/2012	Sims, Aaron	Completed
									Work order has been completed as designed 5/15/12 A. Sims			
									Reassigned from McGowan to Sims on 3/30/12 by M. Crow			
Seismic	656	Isomax	#8 PLANT	2011		V-894	Corroded anchor bolts. Pics 16	Clean and measure anchor bolt diameter and stiffener thickness. Report diameters and thicknesses to Engineer for evaluation.	Work order has been issued with a completion date of 9/7/11. WO is active / First task to clean and measure is in release status / The anchor bolts were measured, evaluated and found to be adequate with respect to CALARP standards. Per Al Green (Civil Eng)	5/19/2012	McGowan, John L.	Completed
Seismic	657	Isomax	#8 PLANT	2011		V-830	Corroded anchor bolts. Pics 17	Clean and measure anchor bolt diameter. Report diameters to Engineer for evaluation.	Work order has been issued with a completion date of 9/14/11	5/19/2012	Sims, Aaron	Completed
									Reassigned from McGowan to Sims on 3/30/12 by M. Crow			
									Work completed per design on 5/15/12 by A. Sims			

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Seismic	658	Isomax	#8 PLANT	2011		C-820	Corroded anchor bolts. Pics 18	Clean and measure anchor bolt diameter. Report diameters to Engineer for evaluation.	Work order has been issued with a completion date of 9/14/11 / Civil engineering has evaluated the following CORISO items and has determined that no further action is needed, therefore, we can close it out. Per Armando Lee	5/19/2012	McGowan, John L.	Completed
Seismic	659	Isomax	#8 PLANT	2011		V-811	Corroded anchor bolts. Pics 19	Clean and measure anchor bolt diameter. Report diameters to Engineer for evaluation.	Work order has been issued with a completion date of 9/14/11 / Civil engineering has evaluated the following CORISO items and has determined that no further action is needed, therefore, we can close it out. Per Armando	5/19/2012	McGowan, John L.	Completed